

**KAJIAN TEKNIS PRODUKSI ALAT MUAT DAN ALAT  
ANGKUT PADA PENGUPASAN LAPISAN PENUTUP  
TAMBANG BATUBARA DI PT. PAMAPERSADA  
NUSANTARA *JOBSITE* ADARO  
KALIMANTAN SELATAN**

Oleh :

**ANDRA ORAHMIN  
112140070**



Disetujui untuk

Program Studi Sarjana Teknik Pertambangan

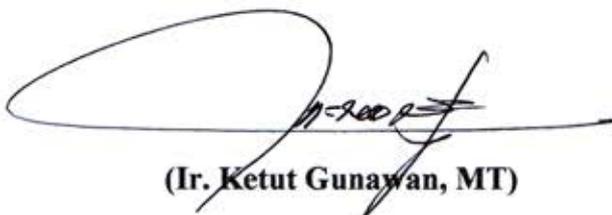
Jurusan Teknik Pertambangan

Fakultas Teknologi Mineral

Universitas Pembangunan Nasional "Veteran" Yogyakarta

Tanggal : 21-09-2018

**Pembimbing I**

A handwritten signature in black ink, appearing to read 'Ketut Gunawan', with a large loop at the beginning and a horizontal line extending to the right. Below the signature is the printed name and title.

**(Ir. Ketut Gunawan, MT)**

**Pembimbing II**

A handwritten signature in blue ink, appearing to read 'Inmarlinianto', with a stylized, cursive style. Below the signature is the printed name and title.

**(Ir. Inmarlinianto, MT)**